

We claim:

1. A self-contained portable drum dosing system, comprising:
 - a) a main frame, the main frame comprising a loading end and a steering end remote from the loading end, a set of wheels mounted to and below the main frame for facilitating the movement of the main frame from one location to another;
 - b) an outer mast assembly extending generally horizontally from the main frame at the loading end, the outer mast assembly comprising a pair of legs at the loading end, each of the legs having a longitudinal centerline, extensions of the longitudinal centerlines intersecting generally at the post assembly to form an angle between the legs such that a generally V-shaped spacing between the legs is formed at the loading end, the angle being sufficient respect to the legs to permit the legs to dispose the main frame near a drum;
 - c) an upstanding post assembly extending upwardly from the main frame at the outer mast assembly, the post assembly comprising:
 - i) a fixed guide post,
 - ii) an upper clamping mechanism for releasably engaging the chime of a drum, the upper clamping mechanism being movably mounted to the fixed guide post and being disposed in the spacing between the legs for selective vertical movement up and down with respect to the fixed guide post,
 - d) a pump mechanism comprising a pump, a dip tube attached to the input side of the pump and a discharge line attached to the output side of the pump demountably mounted to the clamping mechanism, demountably mounted to the drum, moveably mounted to the fixed post, or mounted to the main frame; and
 - e) a lifting mechanism selectively controlling the vertical movement of the upper clamping mechanism to thereby permit a drum to be engaged by the system and then be conveyed from one location to another.
2. The system of claim 1, wherein the main frame further comprises counterbalance means including weights.
3. The system of claim 2, wherein the post assembly further comprises a stabilizing mechanism for contacting the drum at a location below and remote from the upper clamping mechanism, the stabilizing mechanism being movably mounted to the fixed guide post and being disposed in the spacing between the legs for selective vertical

movement up and down with respect to the fixed guide post, the spacing being free of any structure outwardly of the upper clamping mechanism and the stabilizing mechanism.

4. The system of claim 1, further comprising a weight measuring device movably mounted to the fixed post.
- 5 5. The system of claim 1 wherein the pump mechanism further comprises one or more valves incorporated into the dip tube, the discharge line, or both.
6. The system of claim 1 wherein the pump mechanism further comprises one or more tees incorporated into the dip tube.
7. The system of claim 3 wherein the post assembly includes an outer sleeve assembly
10 movably mounted to the fixed guide post, and wherein the clamping mechanism and the stabilizing mechanism are attached to the sleeve assembly.
8. The system of claim 1 wherein the lifting mechanism comprises an outer tubular member and an inner member telescopically mounted in the outer tubular member, and the sleeve assembly being attached to one of said members.
- 15 9. The system of claim 1 wherein the weight measuring device or the weight readout device further comprises a microprocessor, a computer, or other device.